

POND

INSTRUCTIONS FOR USE OF SPECIFICATION 378

1. APPLICABILITY

Construction Specification 378 is applicable to installation of earthen ponds, either excavated and/or with an embankment.

It is not applicable to Waste Storage Ponds (CP425) or Sediment Basins (CP350).

2. ITEMS TO BE INCLUDED IN SECTION 10 AND/OR DRAWINGS

a. Material requirements, including but not limited to:

- (1) Pipe sizes, type, strength
- (2) Gate type and configuration
- (3) concrete strength, if other than 4000 psi
- (4) cement type, if other than I, IA, II, or IIA
- (5) reinforcing steel grade, if >40 ksi
- (6) any special concrete admixture requirements
- (7) any special curing compound requirements
- (8) specific type of preformed expansion joint filler, if required
- (9) specific type of waterstop material, if required
- (10) metal type and grade
- (11) wood species and grade, or strength
- (10) geotextile type
- (11) pressure treated wood requirements, if other than C16 (CCA)

- (12) fastener requirements, including type finish or coating and extra corrosion protection if pressure treated wood is other than CCA

- (13) masonry type and reinforcing
- (14) drainage and bedding materials

b. Applicable dimensions, work limits, excavation/fill limits, finished grades and elevations

c. Structural limitations and restrictions such as:

- (1) fill requirements, including compaction
- (2) Spoil location(s)
- (3) foundation and drainage requirements

d. Safety components (e.g. fences, steps, gates)

e. Erosion and sediment control

f. Temporary and permanent vegetative requirements

g. Reference to other practice specifications (e.g. 382, 606, 620, 634), if applicable.